

**TO: Suborbital Science Program
NASA Headquarters
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Flight Report

Aircraft :	Kenn Borek Air DC-3T Basler
Operating Site(s) From / To :	NZIR/NZIR
Flight Date :	November 16, 2009 (NZDT)
Flight Number / Data Flight # :	F06 / 3
Time out:	0109 UTC
Time in:	0712 UTC
Flight Time :	6:03 hrs
Flt Request # / PI:	NASA 20090602-084128 (Blankenship)
Purpose of Flight :	Data [X] Ferry [] Functional Check [] Other []
Sensor Payload :	University of Texas at Austin HiCARS ice penetrating radar; UT Riegl LD-90 laser distance meter; UT Geometrics 823-A magnetometer
Comments :	The aircraft flew its third survey flight in its NERC/NSF ICECAP configuration from McMurdo's sea ice runway. Due to an anomaly in the gravity meter, we are now optimizing our flight lines for ICESAT reflights. The radar hardware, laser altimeter (non-scanning) and magnetics fields instruments all performed well. Hand held photography was acquired. Data were acquired over the Byrd Glacier lake district, including ICESAT tracks 328 and 194. Gravity observations are expected to resume by Thanksgiving.

SUBMITTED BY: Duncan Young 21 November 2009